

# S39M *Metallurgical / Metallographic*



6307 Winona Ave Saint Louis MO 63109-2124 USA

## 50x - 1000x MAGNIFICATION METALLURGICAL TRINOCULAR UPRIGHT MICROSCOPE



- Upright Metallurgical Metallographic Trinocular Microscope.
- Both epi-illumination and transmitted illumination for a universally useful microscope.
- Upright metallograph with objective mounted above the working stage.
- Able to view polished metallic surfaces and smooth non-metallic specimens in fine detail using high power magnification.
- Ability to view various types of translucent specimens, including biological specimens on glass slides.
- Epi-illumination Illumination with light through the microscope's objective for even and shadowless surface illumination.
- Includes bottom transmitted illumination for viewing translucent specimens with light passing through them.
- Unique feature of a plane polarized and cross polarized light with the included polarizer and analyzer. This brings out surface features in greater contrast, especially for shiny metallic surfaces.

## Specification

|   |   |  |
|---|---|--|
| <b>Eyepiece</b>                           | Wide field WF10X(field number:Φ20mm)  |  |
| <b>Infinity plan achromatic objective</b> | S39M Equipped with bright field objectives  | PL L5X/0.13 (Work distance) : 21.03 mm |
|   |   | PL L10X/0.25 (Work distance) : 20.0 mm |
|   |   | PL L20X/0.40 (Work distance) : 9.30 mm |
|   |   | PL L50X/0.70 (Work distance) : 2.40 mm |
|   |   | PL L100X Optional                      |
| <b>Eyepieces tube</b>                     | Trinocular inclined 30°, can be shot in 100% light flux.  |  |
| <b>Epiillumination system</b>             | 12V20W(V), 12V50W(R) halogen  |  |
|   | Vertical Light Filter : Blue<br>Reflected Light Illuminator For brightfield, polarization.<br>Reflected Light Filters : Blue, Green, Yellow, 50% cutting filter<br>Reflected Light Polarization kits : Analyzer & Polarizer Slide |  |
| <b>Focus system</b>                       | Coaxial coarse/fine focus system, with coarse focus knob tension adjustable device, minimum division of fine focusing: 1μm.   |  |
| <b>Nosepiece</b>                          | Quadruple   |  |
| <b>Working stage</b>                      | Mechanical Stage 156x138mm and X/Y travel 76x54mm   |  |

### 1 years Manufacturer's Warranty

The warranty covers manufacturing defects. Abuse or damage due to dropping is not covered.

Distributor